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TECHNICAL BULLETIN

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Make: Ford

Model: Falcon EF 4.0L

Subject: Radiator fan on high when engine is cold. Transmission code evident.

Fault:

Radiator fan on high speed, transmission goes into Limp/Fail Safe mode.

Transmission fault codes logged.

Cause:

This fault can be caused by a broken sensor ground wire (black\white) pin 29; the sensor ground is for the gearshift selector switch & transmission oil temperature sensor.

The break is caused by the torque reaction of the engine on the wiring harness which places the wire harness under strain (insufficient length) leading to the breakage of the sensor ground wire.

The location of the break is at the left hand rear of the engine bay, at a spliced joint approx 10cm from the round multi plug, PCM side of the connector.

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